

2131

DOCKET NO.: MSFT-0279/148585.1

PATENT

#4



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Paul England, et al.

Serial No.: 09/892,298

Group Art Unit: 2131

Filing Date: June 27, 2001

Examiner: Not Yet Assigned

For: SECURE VIDEO CARD IN COMPUTING DEVICE HAVING DIGITAL RIGHTS MANAGEMENT SYSTEM

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DATE OF DEPOSIT: 2-21-2002

I HEREBY CERTIFY THAT THIS PAPER IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL, POSTAGE PREPAID ON THE DATE INDICATED ABOVE AND IS ADDRESSED TO THE ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, DC 20231.

Steven H. Meyer  
TYPED NAME: Steven H. Meyer  
REGISTRATION NO.: 37,189

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 C.F.R. §1.56(b).

- ☒ In accordance with §1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of the above identified application as set forth in §1.491, before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first office action after the filing of request for continued examination under §1.114, no additional fee is required.

- ☐ In accordance with §1.129(a), this Information Disclosure Statement is being filed in connection with ☐the first or ☐second After Final Submission, therefore:
- ☐ Certification in Accordance with §1.97(e) is attached; or
- ☐ The fee of \$180.00 as set forth in §1.17(p) is attached.
- ☐ In accordance with §1.97(c), this Information Disclosure Statement is being filed after the period set forth in §1.97(b) above but before the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311, or before an action that otherwise closes prosecution in the application, therefore:
- ☐ Certification in Accordance with §1.97(e) is attached; or
- ☐ The fee of \$180.00 as set forth in §1.17(p) is attached.
- ☐ In accordance with §1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311 but before, or simultaneously with, the payment of the Issue Fee, therefore included are: Certification in Accordance with §1.97(e); and the submission fee of \$180.00 as set forth in §1.17(p).
- ☐ Copies of each of the references listed on the attached Form PTO-1449 are enclosed herewith.
- ☒ Copies of references listed on the attached Form PTO-1449 are enclosed herewith.

## EXCEPT THAT:

- ☐ In view of the voluminous nature of references [list as appropriate], and the likelihood that these references are available to the Examiner, copies are not enclosed herewith.

☐ In accordance with §1.98(d), copies of the following references listed on the attached Form PTO-1449 are not enclosed herewith because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application(s) for which a claim for priority under 35 U.S.C. §120 have been made in the instant application:

☒ Copies of references AA-BJ, BM-CW and DA-DD listed on the attached Form PTO-1449 were previously cited by or submitted to the Patent and Trademark Office in prior application Serial No. 09/290,363, filed April 12, 1999.

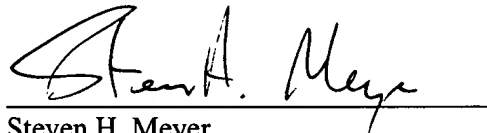
☐ If any of the foregoing publications are not available to the Examiner, Applicant will endeavor to supply copies at the Examiner's request.

Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050. This form is submitted in duplicate.

English language abstract is not available for BL.

Date:

2-21-2002

  
Steven H. Meyer  
Registration No. 37,189

WOODCOCK WASHBURN LLP  
One Liberty Place - 46th Floor  
Philadelphia, PA 19103  
Telephone: (215) 568-3100  
Facsimile: (215) 568-3439



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<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office	Docket No. <b>MSFT-00279/          148585.1</b>	Serial No. <b>09/892,298</b>
	Applicant <b>Paul England, et al.</b>	
	Filing Date <b>June 27, 2001</b>	Group <b>2131</b>

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**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

Technology Center 2100

AA	"Aladdin Knowledge Systems Partners with Rights Exchange, Inc. to Develop a Comprehensive Solution for Electronic Software Distribution," August 3, 1988, 5 pages
AB	Amdur, D., "Metering Online Copyright," January 16, 1996, 2 pages
AC	Amdur, D. (ed.), "InterTrust Challenges IBM Digital Content Metering," <i>Report On Electronic Commerce</i> , July 23, 1996, 3(15), 1-2 and 16-18
AD	Armati, D., "Tools and standards for protection, control and presentation of data," April 3, 1996, 17 pages
AE	Benjamin, R. et al., "Electronic markets and virtual value chains on the information superhighway," <i>Sloan Management Rev.</i> , Winter, 1995, 62-72
AF	Cassidy, "A Web developers guide to content encapsulation technology," April, 1997, 5 pages
AG	Clark, T., "Software Secures Digital Content on Web," <i>Interactive Week</i> , September 25, 1995, 1 page
AH	Cox, B., "Superdistribution," <i>Idees Fortes</i> , September, 1994, 2 pages
AI	Cox, B., "What if There Is A Silver Bullet," <i>J. Object Oriented Programm.</i> , June, 1992, 8-9 and 76
AJ	Griswold, G.N., "A Method for Protecting Copyright on Networks," <i>IMA Intell. Property Project Proceedings</i> , January, 1994, 1(1), 169-178
AK	Hauser, R.C., "Does licensing require new access control techniques?" August, 1993, 9 pages
AL	Hudgins-Bonafield, C. "Selling Knowledge on the Net," <i>Network Computing</i> , June 1, 1995, 102-109
AM	"IBM spearheading intellectual property protection technology for information on the Internet," May, 1996, 3 pages

**EXAMINER**

**DATE CONSIDERED**



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<b>Form PTO-1449 Modified</b>		<b>Docket No.</b> <b>MSFT-00279/ 148585.1</b>	<b>Serial No.</b> <b>09/892,298</b>
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office		<b>Applicant</b> <b>Paul England, et al.</b>	
		<b>Filing Date</b> <b>June 27, 2001</b>	<b>Group</b> <b>2131</b>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
	<b>AN</b>	"Technological Solutions Rise to Complement Law's Small Stick Guarding Electronic Works," <i>Information Law Alert</i> , June 16, 1995, 3-4 and 7	
	<b>AO</b>	Kaplan, M.A., "IBM Cryptolopes_, Super-Distribution and Digital Rights Management," December, 1996, 7 pages	
	<b>AP</b>	Kent, S.T., "Protecting externally supplied software in small computers," September, 1980, 1-42 and 250-252	
	<b>AQ</b>	Kohl, U. et al., "Safeguarding Digital Library Contents and Users; Protecting Documents Rather Than Channels," <i>D-Lib Magazine</i> , September, 1997, 9 pages	
	<b>AR</b>	Linn, R.J., "Copyright and Information Services in the Context of the National Research and Education Network," <i>IMA Intell. Property Project Proceedings</i> , January, 1994, 1(1), 1 and 10-20	
	<b>AS</b>	McNab, L., "Super-distribution works better in practical applications," March 2, 1998, 2 pages	
	<b>AT</b>	Moeller, M., "NetTrust lets Cyberspace Merchants Take Account," <i>PC Week</i> , November 20, 1995, 12(48), 1 page	
	<b>AU</b>	Moeller, M., "IBM takes charge of E-commerce; Plans client, server apps based on SET," April, 1996, 4 pages	
	<b>AV</b>	Pemberton, J., "An ONLINE Interview with Jeff Crigler at IBM InfoMarket," July, 1996, 6 pages	
	<b>AW</b>	"LicensIt: kinder, gentler copyright? Copyright management system links content, authorship information," <i>Seybold Report on Desktop Publishing</i> , 1996, 10(11), 2 pages	
	<b>AX</b>	Sibert, O. et al., "The DigiBox: A Self-protecting Container for Information Commerce," <i>First USENIX Workshop on Electronic Commerce</i> , July 11-12, 1995, 171-183	
	<b>AY</b>	Sibert, O. et al., "Securing the Content, Not the Wire, for Information Commerce," July, 1995, 1-11	
<b>EXAMINER</b>		<b>DATE CONSIDERED</b>	



#4

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**MAR 08 2002**

**Technology Center 2100**

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

<b>AZ</b>	Smith, M.G. et al., "A New Set of Rules For Information Commerce," <i>Electronic Commerce</i> , November 6, <b>1995</b> , 34-35
<b>BA</b>	Stefik, M., "Trusted Systems," March, <b>1997</b> , 8 pages
<b>BB</b>	Stefik, M., "Shifting the Possible: How Trusted Systems and Digital Property Rights Challenge Us to Rethink Digital Publishing," <i>Technical Perspective</i> , <b>1997</b> , 137-159
<b>BC</b>	Tarter, J. (ed.), "The Superdistribution Model," <i>Soft Trends</i> , November 15, <b>1996</b> , 3(6), 1-6
<b>BD</b>	"Rights Management in the Digital Age: Trading in Bits, Not Atoms," Spring, <b>1997</b> , 4, 3 pages
<b>BE</b>	Weber, R., "Digital Right Management Technology," October, <b>1995</b> , 35 pages
<b>BF</b>	White, S.R. et al., "ABYSS: An Architecture for Software Protection," <i>IEEE Trans. On Software Engineering</i> , June, <b>1990</b> , 16(6), 619-629
<b>BG</b>	White, S.R. et al., "ABYSS: A trusted architecture for software protection," <i>IEEE Symposium on Security and Privacy</i> , April 27-29, <b>1987</b> , 38-51
<b>BH</b>	"Boxing Up Bytes," 2 pages
<b>BI</b>	Ramanujapuram, A. et al., "Digital Content & Intellectual Property Rights: A specification language and tools for rights management," December, <b>1998</b> , 20-23 and 26
<b>BJ</b>	Misra, R.B., et al., "Tamper detection using neuro-fuzzy logic," Ninth International Conference on Metering and Tariffs for Energy Supply," Conference Publication 462, May 25-28, <b>1999</b> , 101-108
<b>BK</b>	Cante, T.M., et al., "Challenges to combining general-purpose and multimedia processors," <i>IEEE</i> , December <b>1997</b> , 33-37
<b>BL</b>	Chabaud, D., "Programmation des cartes VGA," <i>Micro-Systems</i> , <b>1990</b> , 173-178 (no English abstract available)

**EXAMINER**

**DATE CONSIDERED**



#4

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<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office	Docket No. <b>MSFT-00279/          148585.1</b>	Serial No. <b>09/892,298</b>
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**U. S. PATENT DOCUMENTS**

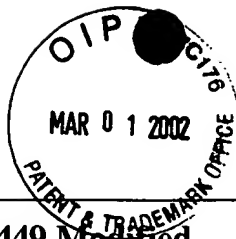
Examiner Initial		Document No.	Date	Name	Class	Subclass
	BM	3,718,906	02/27/73	Lightner	340	147 R
	BN	4,323,921	04/06/82	Guillou	358	114
	BO	4,528,643	07/09/85	Freeny, Jr.	364	900
	BP	4,658,093	04/14/87	Hellman	380	25
	BQ	4,683,553	07/28/87	Mollier	380	4
	BR	4,827,508	05/02/89	Shear	380	4
	BS	4,916,738	04/10/90	Chandra et al.	380	25
	BT	4,953,209	08/28/90	Ryder, Sr. et al.	380	23
	BU	4,977,594	12/11/90	Shear	380	4
	BV	5,050,213	09/17/91	Shear	380	25

**FOREIGN PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Country	Translation YES NO	
	BW	EP 0 715 246 A1	06/05/96	EPO		
	BX	EP 0 715 247 A1	06/05/96	EPO		
	BY	WO 93/01550	01/21/93	PCT		
	BZ	WO 96/13013	05/02/96	PCT		

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Patent and Trademark OfficeFiling Date  
**June 27, 2001**Group  
**2131 Technology Center 2100****U. S. PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Name	Class	Subclass
	CA	5,103,392	04/07/92	Mori	395	725
	CB	5,103,476	04/07/92	Waite et al.	380	4
	CC	5,109,413	04/28/92	Comerford et al.	380	4
	CD	5,117,457	05/26/92	Comerford et al.	380	3
	CE	5,193,573	03/16/93	Chronister	137	315
	CF	5,222,134	06/22/93	Waite et al.	380	4
	CG	5,319,705	06/07/94	Halter et al.	380	4
	CH	5,410,598	04/25/95	Shear	380	4
	CI	5,509,070	04/16/96	Schull	380	4
	CJ	5,629,980	05/13/97	Stefik et al.	380	4

**FOREIGN PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Country	Translation YES NO	
	CK	WO 96/24092	08/08/96	PCT		
	CL	WO 96/27155	09/06/96	PCT		
	CM	WO 97/25798	07/17/97	PCT		
	CN	WO 97/43761	11/20/97	PCT		
	CO	WO 98/09209	03/05/98	PCT		

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**U. S. PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Name	Class	Subclass
	CP	5,634,012	05/27/97	Stefik et al.	395	239
	CQ	5,638,443	06/10/97	Stefik et al.	380	4
	CR	5,673,316	09/30/97	Auerbach et al.	380	4
	CS	5,710,887	01/20/98	Chelliah et al.	395	226
	CT	5,715,403	02/03/98	Stefik	395	244
	CU	5,765,152	06/09/98	Erickson	707	9
	CV	5,809,144	09/15/98	Sirbu et al.	380	25
	CW	5,845,281	12/01/98	Benson et al.	707	9
	CX	09/526,290	03/15/00	Peinado, et al.		
	CY	09/525,509	03/15/00	Peinado, et al.		
	CZ	09/525,510	03/15/00	Peinado, et al.		

**FOREIGN PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Country	Translation YES	NO
	DA	WO 98/10381	3/12/98	PCT		
	DB	WO 98/21679	05/22/98	PCT		
	DC	WO 98/24037	06/04/98	PCT		
	DD	WO 98/37481	08/27/98	PCT		

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